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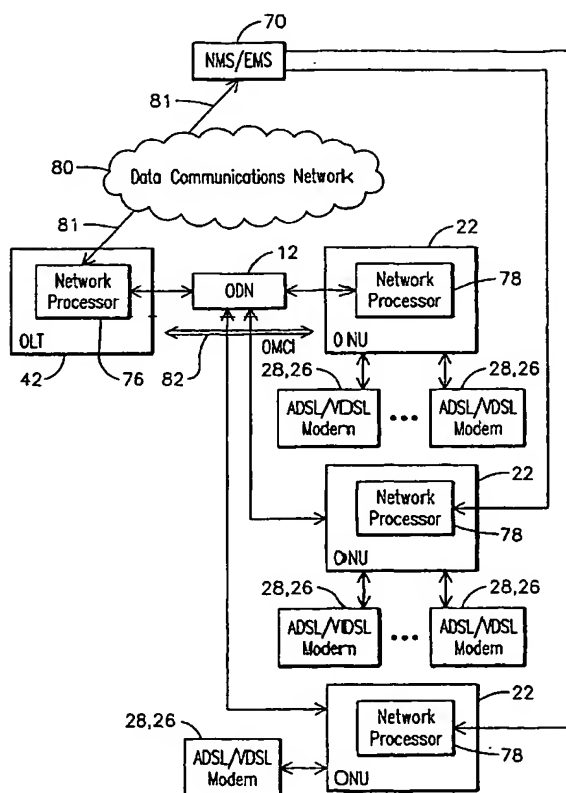
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| 60/525,983  | 1 December 2003 (01.12.2003) | US                           |    |            |                              |    |            |                          |    |  |
| 60/540,990  | 2 February 2004 (02.02.2004) | US                           |    |            |                              |    |            |                          |    |  |
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[Continued on next page]

**(54) Title: PASSIVE OPTICAL NETWORK UNIT MANAGEMENT AND CONTROL INTERFACE SUPPORT FOR A DIGITAL SUBSCRIBER LINE NETWORK**



**(57) Abstract:** An optical network unit (22) for managing digital subscriber line (xDSL) connections (26/28) to a passive optical network (12). According to one embodiment, the optical network unit (22) comprises data structures in the form of managed entities (200/204/206) that are issued by the optical network unit (22) for managing each of the xDSL connections (26/28). Each managed entity is associated with one or more network features and comprises one or more elements further comprising relationships to other managed entities, attributes, actions, and notifications. The passive optical network (12) provides a data connection between the individual xDSL subscriber connections (26/28) and external networks, such as the Internet (20) and a switched telephone network (20).



PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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